

Amendments to the Specification:

Please replace the paragraph at page 21, lines 1-10 of the application with the following amended paragraph:

According to a preferred embodiment of the present invention and as specifically shown in FIGS. 2-3, acoustic transducer 20 includes at least one cell member [[22]]²⁵ including a cavity 24 etched or drilled into a substrate and covered by a substantially flexible piezoelectric layer 26. Attached to piezoelectric layer 26 are an upper electrode 28 and a lower electrode 30 which are connectable to an electronic circuit. The substrate is preferably made of an electrical conducting layer 32 disposed on an electrically insulating layer 34, such that cavity 24 is etched substantially through the thickness of electrically conducting layer 32. Electrically conducting layer 32 is preferably made of copper and insulating layer 34 is preferably made of a polymer such as polyimide. Conventional copper-plated polymer laminate such as ~~Kapton~~TMKAPTON sheets may be used for the production of transducer 20. Commercially available laminates such as ~~Novaclad~~TMNOVOCLAD may be used. Alternatively, the substrate may include a silicon layer, or any other suitable material. Alternatively, layer 32 is made of a non-conductive material such as ~~Pyralin~~TMPYRALIN.